OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8

I st And Final Bill

Work code - 006 - 18 - 000116

Est Cost Rs - 10.00

425647 Lacs

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Serial No. .....

Name of Work ..... Providing Pipeline and constructing & Rain Water Harvesting From ..... To .....

Name of Contractor of nature of Agency ..... At Hegadenagara Indira Canteen in Ward

Date of commencement of work ..... No. 06.

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name & Contractor. Executive Engineer. KRIDL 280. 59th cross Road. 17th c main Road. 3rd y Block. Rajajinagara. B.lore. 10						
	Work order No. BBMP/EE/BTP/WO/18/2018-19. Date. 17.09.2018						
(1)	Geophysical investigation & Site for sinking Bore well for Supplying drinking water to the habitation either through the hand pump MWS & PWS by vertical electrical Sounding by adopting Wenner or Schlumberger's method including geomorphological survey & geological formation Geophysical investigation & suggesting ground water in the vicinity its Quantity and						

Left page footer: 1

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Accepting the rising indicating the location & size recommended depth of casing pipe required to seal cover full depth of aquifer Proposed test pumped Drawdown yield and other information required including transportation & assistance and accessories to bring the engaging Personal and labour required etc.. complete as per specification						
	Indira canteen Hegadenagara	1	-	-	-	1 No.	2065:00
	Rate. 2065:00						
②	Sinking boreholes of 165 mm dia clear using Super Jagat hydraulic rig of capacity 250 PSI and above CFM and above in all strata including overburden upto 20m Excavation & casing Pipes Coupling and cap with necessary cutting threading and welding including transportation of rig and						

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Supporting vertical Chec including yield testing & completion of one hour etc..) to in all lead and etc.. complete as per the	
	0.00 to 50.00 MTR	1
	Rate. 315:18	
	50.00 to 100.00 MTR	1
	Rate. 412:00	
	100.00 to 150.00 MTR	1
	Rate. 458:35	

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...dicating the location of ...ging pipe required to seal ...posed test tapped Pressure ...required including transportation ...to & from site engaging Recruit ...etc.. complete as per specification			
–	–	1 No.	2065:00
...da clay using Green Gas ...50 PSIG and above CFM and ...ing Oversaturation upto 20mm ...and cap with necessary certifi... ...ng transportation & duty and			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425648

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Supporting vehical Crew charges and cost of consumables etc complete including yield testing at the final depth with a minimum running & compressor & one hour (excluding cost & casing pipes couplings and cap etc..) with all lead and lift loading unloading and cargo in charges etc.. complete as per the direction & the Engineer in charge at work						
	0.00 to 50.00 MW	1	50.00	–	–	50.00 MW	15759:00
	Rate - 315:18						
	50.00 to 100.00 MW	1	50.00	–	–	50.00 MW	20600:00
	Rate - 412:00						
	100.00 to 150.00 MW	1	50.00	–	–	50.00 MW	22917:50
	Rate - 458:35						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	150 to 200 MM	1	50.00	-	-	50.00 MM	
	Rate. 484:10						24205:00
	200 to 250.00 MM	1	50.00	-	-	50.00 MM	
	Rate. 560:32						28016:00
	250 to 300.00 MM	1	50.00	-	-	50.00 MM	
	Rate. 600:49						30024:50
	300 to 350.00 MM	1	50.00	-	-	50.00 MM	
	Rate. 622:00						31100:00
(3)	Supplying & fixing Mark 17.5 mm nominal bore medium block EPW casing pipe 8.5 mm thick Block Electric resistance continuously welded mild steel pipes & conforming to IS 1387/1993 and normalised from hot						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Screwed steel steel pipes with ends threaded conforming	
	one other and with	
	with socket and wrought	
	as per the direction &	
(4)	Rate. 1325:00	
	Providing 200 mm dia	
	direction & Engineer	
	Rate. 1100:00	

NT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
00	-	-	50.00 MW	24205:00
00	-	-	50.00 MW	28016:00
00	-	-	50.00 MW	30024:50
00	-	-	50.00 MW	31100:00

nm nominal bore medium
5mm deck Block Electric
ded mild steel duse meseni
3 and more seamless from hot

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425643

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Steel Steel Strip / Strips in random lengths & 4 to 7 MWS Work ends threaded Conforming to IS 554/1985 one end thread with a socket and the other end with plastic protection end including ballfree Without coat and wet loading unloading and Carbon Cutter etc complete as per the direction & Engineer in charge & the work. Rate. 1325:00	1	59.00	-	-	59.00 MW	78175:00
(W)	Providing 200 mm dia pvc Pipe & Gas/Compressed complete as per the direction & Engineer in charge & the work. Rate. 1100:00	1	18.00	-	-	18.00 MW	19800:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Providing and fixing 160mm Borewell Cap etc., complete and as per direction & Engineer in charge of the work.	1	–	–	–	1 No.	100:00
	Rate. 100:00						
(6)	Supply and delivery of 5hp Grand Mere Texmo (Kirloskar/Usha/Sabari/Atlanta/Calamal/make Suitable for vertical installation in 150 mm dia bore well comprising of 5 stage or multistage CI pump close coupled by means of flexible steel coupling to suitable HP suitable speed three phase squirrel cage enclosed and speed open type induction motor suitable for operation on 3 ph 50 Hz 380/440 volts AC supply fitted with required accessories such as suction casing suction sand guard discharge valve etc., complete the pump and motor shall be						
	Rate. 65400:00						
(7)	Providing and fixing 8 th (Medium grade) 50 mm dia work in lengths to be measured cast and measured						
	Rate. 457:92						

Serial No. .....

Name of Work ..... From

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	an original receipt with all load and cost loa complete and as per direc	
	Indra canteen. Hegadenagara	1
	Rate. 65400:00	
(7)	Providing and fixing 8 th (Medium grade) 50 mm dia work in lengths to be mea cost and measured	Labour
	Rate. 457:92	50

NT BOOK

mensions			Contents	Reference to last Measuremen
	Breadth 5	Depth 6	7	8
m	Borewell Cap etc., Complex			
eer in charge of the			work.	
	-	-	1 No.	100:00
e ground were removed in layers				
d/make suitable for vertical				
bore well comprising of SWR				
Class coupled by means of				
suitable HP suitable speed three				
phase working water (wet type) sub				
mersible suitable & effective				
AC supply fixed with required				
Casing suction and guard				
se the pump and motor shall be				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425650

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	An original result with all lead and lift loading unloading compose and as per direction & Engineer in charge & the work.						
	Indira canteen. Hegadenagara	1	-	-	-	1 No.	65400 : 00
	Rate. 65400 : 00						
(7)	Providing and fixing & thereafter (galvanised/mild steel tubes (medium grade) 50 mm dia nominal bore with all fittings (carry work in hereafter to be measured and paid for separately) including cost of all material labour charges upto M.S. equipments etc., complete						
	Rate. 457:92	50	6.00	-		300.00 Mtr	137376:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(8)	Heavy Duty Collar 50mm dia. Rate · 130 : 00	50	-	-	-	50 Nos	6500 : 00
(9)	Supplying and drawing 3 core glass pvc sheated submersible pump cable manufactured with electrolytic grade copper multistrand conductors conforming to IS 8130-1984 and hergin grade pvc insulation and sheathed suitable for working voltage upto 1100 volts with accessories and all loading unloading and carriage charges etc complete as per the direction of Engineer in charge & the work	1	610.00	-	-	610.00 Mtr limited to 580.00 mtr	610.00 Mtr 580.00 mtr
(10)	Rate 188 : 70 Carbon charges for connection of new / repaired submersible pumpsets along with GI Pipe (32 / 80 mm) cable new segment						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Pumpsets is required to be removed and released for ... including transportation ... as per the direction of ...	
	Rate · 88 : 00	
(11)	Supplying and fixing ... less than 15mm thick ... more than 2 pieces and ... inversed wooden press ...	
	Rate · 302 : 00	

BOOK

ns		Contents	Reference to last Measuremen
eadth 5	Depth 6	7	8
dia.			
–	–	50 Nos	6500:00
e gas pre greased lubricated electrolytic grade copper conforming to table 3 clause grade pvc insulation and voltage upto 1100 volts with ring end cabon screws etc Engineer in charge to the work			
		610.00 mtr	
		limited to 580.00 mtr	
new / refained submersible (80 mm) cable new length			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425651

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Pumpset is received will be supplied by the department Sheet 2 card and released Pumpset should be handed over to department including transportation (each consty : 6.00 MM) etc.. complete as per the direction & Engineer incharge 2 the work.						
		50	–	–		50 Nos	4400:00
	Rate . 88 : 00						
11	Supplying and fixing 20" x 20" x 2.5" polished wood boards made & not less than 15 mm thick planed on both sides with planes made as & not more than 2 pieces and fixing the same to the wall using fastened inversed wooden press screws etc.. complete						
		1	–	–	–	1 No.	302:00
	Rate . 302 : 00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12)	Supplying & LT XLPE insulated Steamed Galvanised armoured Cable with PVC outer sheathing with all lead and lift loading unloading & labour charges etc.. complete as per specification.	Cable having Aluminium Conductor Steel wire/steel tape					
	Rate. 140 : 00	1	28.00	-	-	28.00 Mtr	393 : 20
(13)	Labour Charges for laying & 1.1 kV class XLPE cable (PVD sheathed) SR. 1999-2000 with all lead and lift loading unloading and labour charges etc.. complete and as per direction & the Engineer in charge & the words.						
	Rate. 10 : 80	1	28.00	-	-	28.00 Mtr	302 : 40
(14)	Digging & trenches 0.60 m x 0.80 m wide passing the trenches to be measured ground level and considering						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	etc.. complete as per lift loading unloading as per the direction &	
	Rate. 85 : 00	
(15)	Supplying and fixing thickness not less than with necessary clamping with all lead and lift loading complete.	
	Rate. 345 : 00	

BOOK

ons		Contents	Reference to last Measureme
readth 5	Depth 6	7	8
ing	Aluminium Conductor		
ed	Steel wire/steel tap		
Erecting 1.1 kV class wit			
and test loading unloading			
ver specification.			
-	-	28.00 Mtr	393/20
v class pvt cable (2x95 Sqmm			
st loading unloading and			
and as per direction & the			
-	-	28.00 Mtr	302/10
00 Mtr while receiving the			
Level and Consolidating			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425652

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	else.. complete as per civil SR. KSRBL-2 P-7 with all lead and lift loading unloading and cogan crossing else.. complete and as per the direction & the Engineer incharge & the work.						
	Rate. 85:10	1	23.00	-	-	23.00 Mtr	1955:10
(13)	Supplying and fixing Class A (medium duty) Al Pipe & wall/wall/drain crossing with necessary clamping arrangement per pvt cable & 1.1 kV class with all lead and lift loading unloading and cogan crossing else.. complete.						
	Rate. 345:00	1	4.00	-	-	4.00 Mtr	1380:10

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	Supplying and fixing LT cast iron pot head Sealing End for 1.1 kV class XLPE cable fixed with necessary Grommet/insulating compound complete with terminals clamps bolts nuts and washers etc.. with all lead and lift etc.. complete.	1	-	-	-	1 Nos	280.00
	Rate. 280.00						
(17)	Supplying fixing wiring earth electrode for grounding conductor, IC contacts and other equipments on the meter board using 40 mm dia 2.40 mm thick GI Pipes 2.00 m long in a pit the pit should be fixed with earth mat of 600 and charcoal 150 mm around the pipe to be completed depth the connection from the pipe to be established through Al wire of size as per IS 7.3.3 IS 732 using 12 mm dia brass nuts washers etc.. complete.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
	2
	nuts bolts etc.. with all lead and
	Rate. 2727.00
(18)	Supplying and fi... on existing wood... etc.. with all lead ... etc.. complete as ...
	Rate. ~~180.00~~
(19)	Providing and fix... non pressure wat...

T BOOK

sions		Contents	Reference to last Measuremen
Breadth 5	Depth 6	7	8
-	-	1 Nos	280·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cost of all materials labour and hire of equipments with all leads complete as per specification loading unloading and labour charges etc. complete and as per direction of the Engineer incharge of the work.						
		1	–	–	–	1 No.	1585:76
	Rate. 1585:76						
20	Providing NP/CP water risers conforming to IS specification and fixing them in position as per direction including cost of materials fixtures and conveyance to work spot etc complete cost all lead and lift loading unloading and labour charges etc. complete as per specification.						
		1	–	–	–	1 Nos	227:90
	Rate. 227:90						
21	Supplying and fixing 50 mm dia GI or MIPRE with IS(mm						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	WM all Cost and as per the
	Rate. 104:30
22	Supplying fur
	Nos Grade for
	Capacitors in kv
	loading unloadi
	Rate. 1486:0
23	Supplying and

BOOK

ions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			and HOM & equipments with
			ication which load and lift
			charges else. complete and
			incurred by the Deptt.
-	-	1 No.	1585:76
			Conforming to IS specification
			per direction including com
			pulsory to work spot exc
			loading unloading and carri
			specification.
-	-	1 Nos	227:90
			dia GI pipe with ISI mark

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425654

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	HOM all load and lift loading reloading and carriage etc. complete as per the direction & the Engineer incharge of the work.						
		4	-	-	-	4 Nos	417:20
	Rate. 104:30						
22	Supplying erect capacitors conforming to IS 2834 3 phase 400/440 volts grade for power factor improvements & reactive Machinery capacitors in KVAR rating No. 2 KVAR capacity HOM all load and lift loading unloading and carriage etc. complete as per specification						
	Rate. 1486:00	1			-	1 Nos	1486:00
23	Supplying and fixing miniature circuit breakers/isolators						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	On existing MCB distribution boards using necessary fixing accessories wiring complete as required 5 to 30 Amp triple pole with earth load and test loading unloading all cases etc. complete as per specification.	1	–	–	–	1 Nos	415:60
	Rate. 415 : 00						
2W	Fabrication and mounting MS box of 16 SWG Sheet for floor/wall mounting heavy weather proof with Provision for better heat dissipation Provided with hinged door complete with tamper proof locking arrangement with Sheet size clamps with necessary cable entry Pipe with gland and box should be smeared 2 coats of red oxide primer paint and finally finished with approved colour etc complete						

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
n boards using measurem			
use as examined 5 to 30 km			
r loading unloading & lab			
ensi cation.			
-	-	1 nos	415:60
s box & 16 swk Suitable			
eaker proof with Provisi			
uded with hinged Brass com			
being arrangement wires			
very case Every Pipe with			
and 2 coats of red oxide			
ed with approved quality			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425655

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	16 S wk	2	120.00	60.00	-	14400.00	
		1	360.00	25.00	-	9000.00	
	Rate. 0:33					23400.00 Sq cm	
						7722.00	
23	Supplying fixing arrangement of the deep Standard unit Push bottom type with Suitable nos three connecting one adjustable terminal timer mounted on a common base plate made in steel enclosed for use on 400 V three wire 3 pole and wired assembling to the wooden board for motor above 15 HP upto 25 HP ex. Complete and as per the direction of the Engineer in charge of the work etc. complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Rate - 8273:00	1	-	-	-	1 No.	8273:00
26	Earthwork excavation for foundation Water Supply Sanitary lines and electrical conduits either in P.W. or in trench 1.00 MSV and above in width in ordinary soil not exceeding 1.00 MSV in depth including dressing the bottom and sides & PCC and refilling watering & consolidating Soil clear from edges & excavation with coarse sand upto 50 mm after breaking & cooling etc. complete. As per Pre-measurement recorded vide Page no.. 425677 to 425678 in this MB					139.80 M³	27933:00
	Rate - 200:24						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
27	Providing and Fixe... polyethylene pipes ... diameter with ... making good the ... etc. complete as per ... As per Pre-M... Page no.. 42...
	Rate - 368:88
28	Refilling available ... not exceeding 20cm...

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
-	-	1 No.	8273:00
foundation water supply			
Conduits either in P.C			
e in width in ordinary soi			
s including dressing and			
veneering shaving & remov			
ion coat coal tar to two			
ompresse.			
ent recorded vide			
8 in this MB 139.00 M			27933:

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425656

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(27)	Providing and Fixing to wall ceiling and Floor high density polyethylene pipes 6.00 Kgs/sq cm working pressure 63 mm nominal diameter with special flange compression type fittings Wales chips making good the wall ceiling and floor including cost & all necessary complete as per specification. As per the measurement recorded vide Page No. 425678 in this MB					310.00 RM	114352:80
	Rate : 368:88						
(28)	Providing excavation earth through pipelines cables in laying not exceeding 30 cms in depth compacting each deposited layer						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	by ramming asser upto 1.00 mtr including cost & all lead upto 50 mtr and lift etc. complete as per Specification.	Masonry Wks					
	Quantity vide Item no. (26)					139.00 m³	
	Rate - 76.20						10602 = 00
(29)	Earthwork excavation for foundation & buildings Water Supply Sanitary lines and electrical conduits etc. in ordinary soil in trenches 1.00 mtr and above in width ordinary soil not exceeding 1.00 mtr in depth including dressing the bottom and sides of pits and trenches leaving the excavated soil over the edges etc. complete as per Specification.						
	As per Pre-Measurement recorded vide						
	Page No. 200 & Page No.	425679		in this MB.		3.98 m³	797.35

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(30)	Laying Reinforced Fire Service pipes on new including fixing excavation Process in head walls and Pave
	As per Pre-M
	Page No.
(31)	Rate - 119.21:82
	Providing and Fixi metal louvers and hand railing ramm

NT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			with head upto 30 mm and CM	
ue			Cases etc.--Complete as per	
			3	
no. (26)			139.00 m	10602 = 00
undation & buildings Master				
nical Consult error in pm				
bove in with isolatory soil				
epth including dressing bottom				
& shoring the excavated soil over				
se as per specification.				
ment recorded vide				
			3	
in Dly MB.			3.98 m	797:35

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425657

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(30)	Laying Reinforced cement pipe Serial No. 4 Type S class bedding & granular material in new including fixing collar with cement mortar 1:2 for Specified excavation Protection Works including Concrete in head walls and parapets etc.--complete as per Specification.						
	As per Pre-Measurement recorded vide						
	Page no.	425679				3.00 m	35765:40
(31)	Rate - 1192.1:82						
	Providing and Filling in foundation with granite/brick/broken metal coarse and dense grade with approved hard packing ramming up watering including cost of all material						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and laser UM and load and wet ese.. compose as per specification. As per Pre. Measurement recorded vide page No. 425679 in this MB.					0.47 m³	
	Rate. 2240:84						1053:19
(32)	Supplying and Providing Aggregate 53 mm nominal size ese.. compose as per specification. As per Pre. Measurement recorded vide page No. 425679 to 425680 in this MB					0.71 m³	
	Rate. 720:00						511:20
(33)	Supplying and Providing Aggregates 40 mm as per ese.. compose and as per specification. As per Pre. Measurement recorded vide page No. 425680					in this MB 0.47 m³	
	Rate. 800:40						376:00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(34)	Supply and Provi as per Specifi As per Pre No.. 4
	Rate. 1000:00
(35)	Supplying and P due direction & As per P
	No..
	Rate. 1450:00

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
ese.. Compose as rev recorded vide page this MB- 0.47 M³			1053:19
ggate 53 mm nominal size carion. rement recorded vide page 80 in this MB 0.71 M³			511:20
Aggregates 40 mm and Sec reduction. rement recorded vide 0 in this MB 0.47 M³			376:00

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No. B 425658

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(4)	Supply and providing Aggregates 20 mm and Sec as per Specification. As per pre-measurement recorded vide page No.. 425680 in this MB Rate. 1000:00					0.47 M³	470:00
(5)	Supplying and providing Sand ese.. Compose and as per the direction of the Engineer incurse to the work. As per pre-measurement recorded vide page No.. 425680 in this MB. Rate. 1450:00					0.47 M³	681:50

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(36)	Providing precast Slab 8 100 mm thick including cost of all materials labour curing transportation loading unloading etc. complete as per direction & Engineer incharge of the work.	1	(3.14 × 1.20 × 1.20) / 4			1.13	
	Rate. 1856:67	1	38.00	0.90	-	34.20	
						35.33 M²	
(37)	Constructing brick masonry inspection chamber 455 × 610 mm and 450 mm deep (clear inside dimension for single pipe line using table moulded non modular bricks & class designation 90 in cement mortar 1:3 CI cover with frame weighing 455 × 610 mm internal dimension total weight of cover frame to be not less						65596:15

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	then 38 sq (weight of top slab with cement granite metal frame granite metal inspection Casem etc.. complete
(38)	Rate. 7463:46 Lead for Disposal of roads by mechanical Rate. 112:44 Quantity

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425659

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	then 38 kg (weight of cover 23 kg and weight of frame 15 kg) Rce top slab with cement Concrete Mix with 20 mm nd downsize granite metal foundation Concrete Mix with 20 mm downsize granite metal inside Plastering 12 mm thick 1:3 cement mortar Cabern ese.. Concrete.						
	Rate. 7463:46	1				1 No:s	7463:46
(39)	Lead for Disposal & Dressing Surplus Rayalu as Conriase Roads by Mechanical means including loading unloading ese.Concrete Quantity vide Item No. (29)					3.98 m	447:51
	Rate. 112:44						

IT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			0 mm thick including cost & transportation loading unload & Engineer incharge to the	
4 x 1.20 x 1.20)			1.13	
	4		34.20	
5.00	0.90	-	35.33 m²	65596:15
			ourry inspection Chamber epth (clear inside dimension fabricated non moulded on so in cement Mortar 1:3 used 450 x 610 mm internal & cover frame. base not less	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(39)	Providing and fixing on wall Surface HDPE Rain water pipes 90mm outer dia approved make and brand with necessary Specials and shoes bends and offsets fixed with iron clamps wall plugs screws including cutting etc., complete as per Specification.	1	10.00	-	-	10.00 Mtr	5 years
	Rate - 421:88						4218:80
							8995.76
					Total Rs -		900049:
							98953
	Add 10% KRIDL Charge Rs						9000
	Add 1% Labour Cess Rs						9000
					Total Rs -		999054
							9.98,529

Verified
3/11

25/10/2018

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate. (1) (2)

25/1

OK

Depth 6	Contents 7	Reference to last Measurement 8
Rate	2.5 kg	3 Nos
...ser dia ...proved		
...erials and Shoes bend		
Wall Plugs Screws		
...rking etc.. complete		
-	10.00 M/M	4218.80
		899576
Total Rs -		900049.80
Charges Rs		98953
Cess Rs		900049
Total Rs -		9-98,529

...ಾಯಣಪುರ ಉಪ ವಿಭಾಗ
...24

25/10/18

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425660

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate. (1) Certified that the work is done Satisfactory						
	(2) This bill amount has not been claimed in any previous bill.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾ.ನಾ.ಪುರ ಉಪ ವಿಭಾಗ
ಕೆ.ಆರ್.ಐ.ಡಿ.ಎಲ್. ಬೆಂಗಳೂರು

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

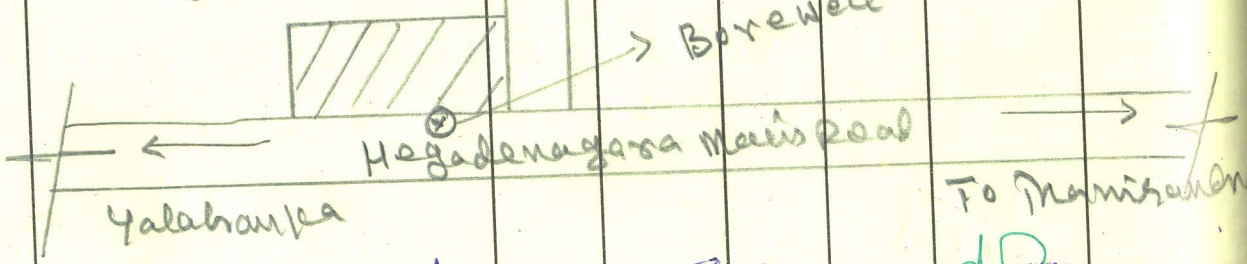
25/10/2018

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಕೆ.ಆರ್.ಐ.ಡಿ.ಎಲ್. ಬೆಂಗಳೂರು-24

25/10/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2

ಬಿಲ್ಲು ಜೊಬಲಗು ರೂ
ಗ ನಾಮಿದೆ : ಇದರ
ಮ ಖಾಡಿಕೊಂಡು ಉ
Rs: Eight- Lakh
ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 3/11

OK

Depth 6	Contents 7	Reference to last Measurement 8
...garu.		
...well		
...Road	→	
	To Nanjarayana	

M. A. R ... 6)

Meas...

No. B 425661

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ	9.98529-00				Total Rs: 9.98 529-00	
	ಗ ನಾವಿದೆ: ಇದರಲ್ಲಿ ರೂ	99852-00				IT- 19971-00	
	ಹಿಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು	898677-00				Cess- 9985-00	
	Rs: Eight-lakh ninety eight thousand six hundred Seventy seven only.					CBF- 999-00	
	ಮುಟ್ಟಾತರ ನೀಡಲಾಗಿದೆ					FSD- 49926-00	
	ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 3/11					CGST- 9985-00	
	ಜಾಗ					SGST- 9985-00	
	ಲೆಕ್ಕ 3/11					Addu. 99852-00	
						Cheque: 898677-00	